



SCIENCE

Overview of NF4 AO Process

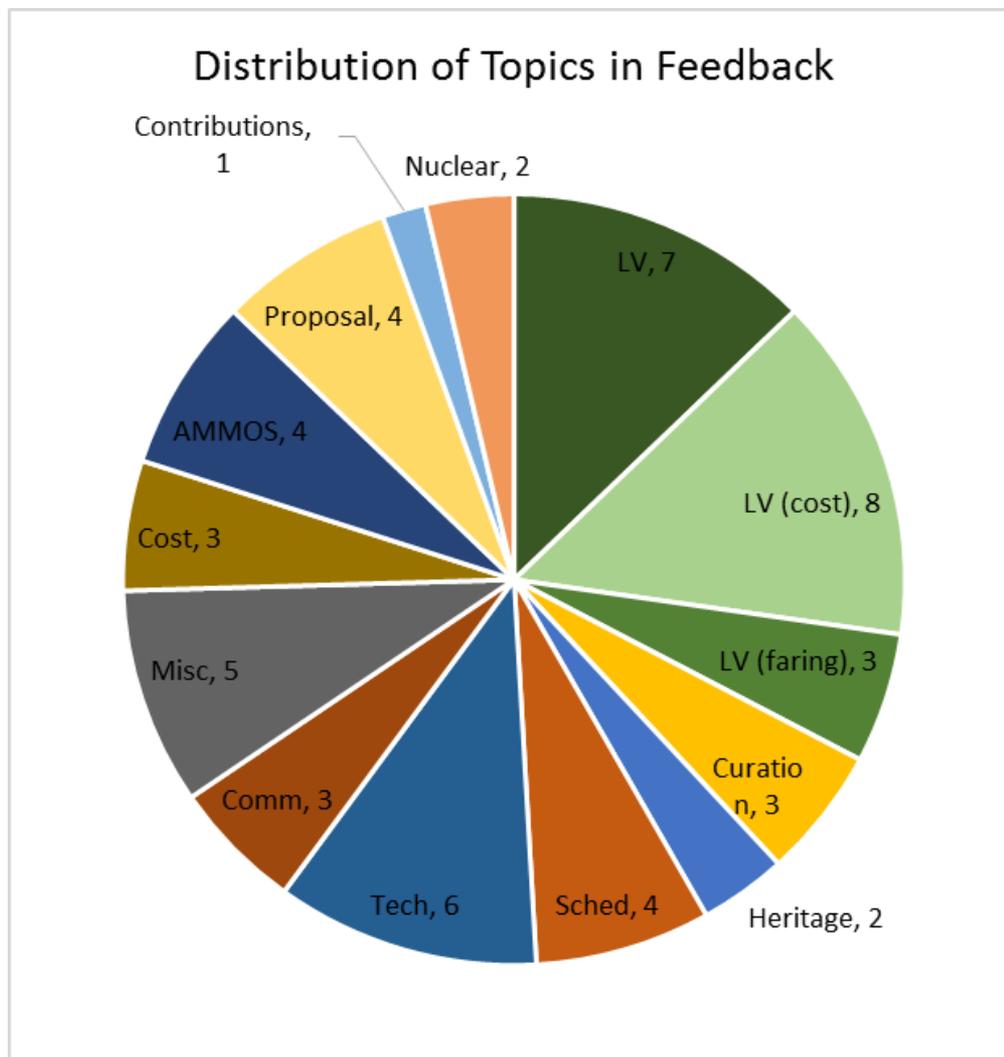
Dr. Adriana Ocampo
Lead Program Executive for New Frontiers
Pre-Proposal Conference for NF4 AO
January 20, 2017



NF4 Draft AO



- A draft of the NF4 AO was released in Aug. 2016.
- 52 days provided for comment period.
- 46 unique comments were received and considered when finalizing the AO
- NASA's response to each comment is posted at the acquisition website (https://newfrontiers.larc.nasa.gov/PDF_FILES/NASA-response-to-comments.pdf)





Basic Solicitation Facts



- The NF4 AO solicits PI-led scientific investigations requiring implementation and operation of a complete spaceflight mission.
 - The NF4 AO closely follows the updated Standard AO and the Discovery 14 AO. There are major changes from the NF3 AO released in 2009;
 - PI-Managed Mission Cost (PMMC) cap of \$850M (FY15\$) for phases A-D;
 - Foreign contributions may not exceed one-third of the PMMC, and the value of foreign contributions to the science payload may not exceed one-third of the total payload cost;
 - MMRTGs and RHUs are available and paid for under the PMMC;
 - Some technologies are incentivized; and
 - Launch readiness date of 2025.



Overview of PEA Process



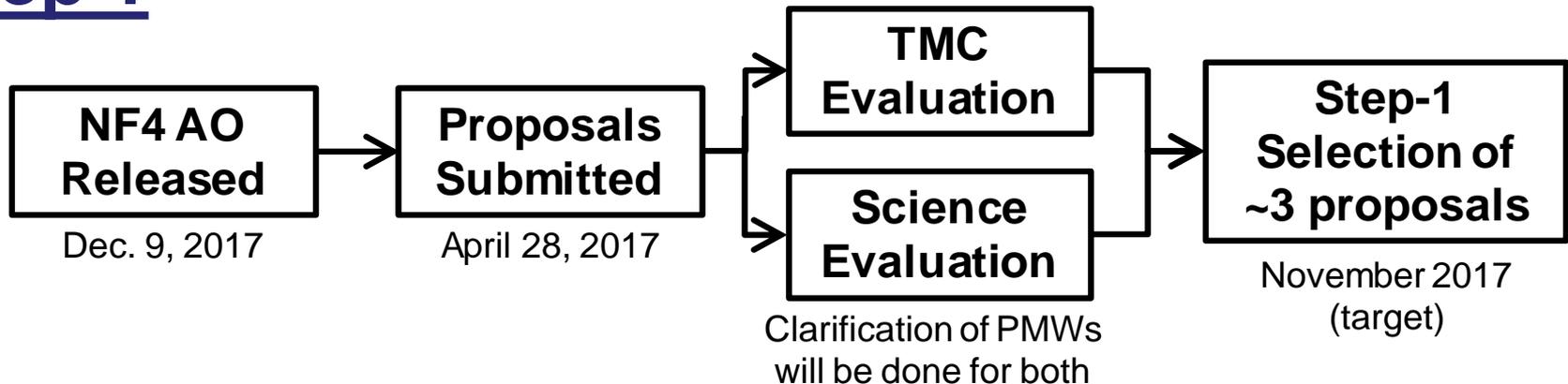
- This is a two-step solicitation
 - Step 1 is the solicitation, submission, evaluation, and selection of proposals prepared in response to this AO. Outcome of the first step is the selection of approximately three Step-1 proposals to proceed to Step 2.
 - Step 2 is the conduct of NASA-funded Phase A concept studies and the preparation, submission, evaluation, and continuation decision (downselection) of the Concept Study Reports.
 - As the outcome of Step 2, NASA intends to continue up to one investigation into the subsequent phases of mission development for flight and operations.
- NOIs are mandatory and due at 11:59 pm tonight.
 - You must submit an NOI, even if incomplete, by that deadline.
 - Send updates via email to Curt Niebur at curt.niebur@nasa.gov.
 - If your NOI is incomplete I would appreciate receiving the missing information within the next two weeks.



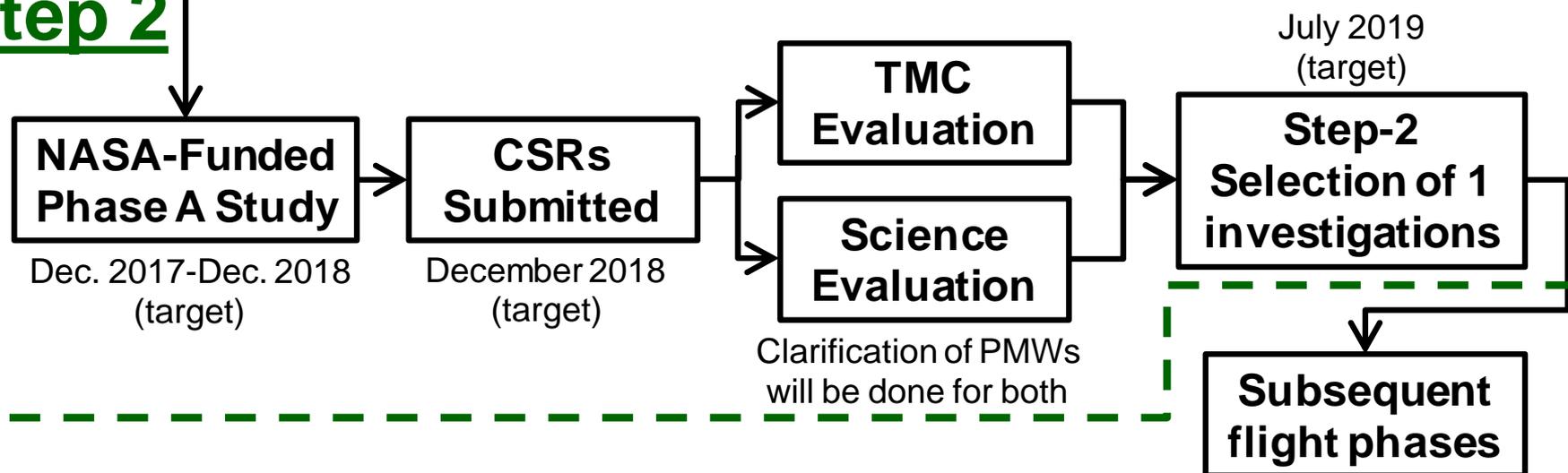
NF4 AO Process Flowchart



Step 1



Step 2





Key Dates



Event	Date
AO released	December 9, 2017
Notices of Intent due (mandatory)	January 20, 2017
Proposals due	April 28, 2017
Proposal CD-ROMs due	May 5, 2017
Step-1 Selections announced	November 2017
Phase A study period	Dec. 2017-Dec. 2018
Concept Study Report due	Dec. 2018
Downselection	July 2019
KDP B	Approx. 3-6 months after downselection

Questions?



**Image of Jupiter acquired by the
JunoCam instrument on Juno**